We claim:

- 1 1. A method of making a curved glass-ceramic panel by bending a green glass
- 2 panel to be ceramicized, said method comprising the steps of:
- a) performing said bending of said green glass panel in a heated chamber at
- 4 a temperature of from 10°C to 50°C above a transformation temperature of the
- 5 green glass panel to be bent;
- b) providing a forming body with a geometric shape according to a bend
- 7 geometry of the glass-ceramic panel to be formed and tempering said forming body
- 8 at said temperature of the heated
- 9 chamber;
- 10 c) bringing said forming body into effective mechanical contact with said
- green glass panel in a bending zone of said green glass panel to form a curved
- 12 green glass panel;
- d) locally heating the green glass panel further in the vicinity of the bending
- 14 zone; and
- e) ceramicizing the curved green glass panel to form the curved glass-
- 16 ceramic panel.
- 2. The method as defined in claim 1, further comprising heating said green glass
- panel in the bending zone on one side thereof or on both sides thereof.
- 3. The method as defined in claim 2, further comprising heating said green glass
- panel in the bending zone by means of a gas/oxygen burner.

- 4. The method as defined in claim 3, wherein said burner is moved in the vicinity of
- the bending zone according to the bend geometry.
- 5. The method as defined in claim 4, wherein said burner is oscillated while being
- 2 moved.
- 1 6. The method as defined in claim 3, wherein said green glass panel is additionally
- 2 heated in the bending zone by means of an electro-heating device or a focused IR
- 3 radiation source.
- 7. The method as defined in claim 1, wherein said green glass panel is placed on
- 2 said forming body and said forming body acts as said workpiece support.
- 8. An apparatus for making a curved glass-ceramic panel by bending a green glass
- 2 panel to be ceramicized, said apparatus comprising
- a workpiece support (3) having a geometric shape according to a bend
- 4 geometry for forming the curved glass-ceramic panel;
- 5 a heated chamber (2) for heating the workpiece support (3) and the green
- 6 glass panel at a temperature of from 10°C to 50°C above a transformation
- 7 temperature of the green glass panel to be bent;
- heating sources (5) for local heating of the green glass panel further in a
- 9 bending zone during the bending; and
- means for ceramicizing the green glass panel to form the curved glass-

- 11 ceramic panel.
- 9. The apparatus as defined in claim 8, wherein said workpiece support (3) is a one
- piece stationary support having a shape according to the bending to be performed.
- 1 10. The apparatus as defined in claim 8, wherein said workpiece support (3)
- comprises a plurality of segments (3a,3b) and said segments (3a,3b) are movable
- relative to each other in order to produce an appropriately shaped bend in the
- 4 green glass panel.
- 1 11. The apparatus as defined in claim 10, wherein said segments (3a,3b) are
- 2 connected with each other by means of a roll mechanism (6) with a circular
- 3 segment.
- 1 12. The apparatus as defined in claim 10, further comprising an N/C controller for
- controlling said segments (3a,3b) so that said segments (3a,3b) are movable in the
- 3 N/C axes to provide a predetermined bend radius according to the bending of the
- 4 green glass panel.